

WEST**Freeform Search**

Database:

- US Patents Full-Text Database
- US Pre-Grant Publication Full-Text Database
- JPO Abstracts Database
- EPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Term:

Display: Documents in **Display Format:** TI Starting with Number

Generate: Hit List Hit Count Side by Side Image

Search History

DATE: Monday, October 13, 2003 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
<u>side by side</u>			
	<i>DB=USPT; PLUR=YES; OP=OR</i>		
<u>L4</u>	L2 and (memor\$3 same kernel)	18	<u>L4</u>
<u>L3</u>	L2 and kernel	22	<u>L3</u>
<u>L2</u>	L1 and (alloc or malloc or calloc)	127	<u>L2</u>
<u>L1</u>	((711/\$)!.CCLS.)	15089	<u>L1</u>

END OF SEARCH HISTORY

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)**IEEE Xplore®**
RELEASE 1.5Welcome
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE](#) [Quick Links](#)[» Search Results](#)[Peer Review](#)

Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

[Print Format](#)Your search matched **213** of **974953** documents.A maximum of **213** results are displayed, **15** to a page, sorted by **Relevance** in **descending** order.

You may refine your search by editing the current search expression or entering a new one in the text box.

Then click **Search Again**.**Results:**Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****1 End-system resource management for digital audio and video**

Robin, P.; Coulson, G.; Campbell, A.; Blair, G.S.;
Distributed Systems Support for Digital Audio and Video, IEE Colloquium on , 1994
Page(s): 6/1 -6/3

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) **IEE CNF****2 A distributed real-time operating system**

Cvijovic, M.; Kunc, M.;
Software Engineering for Real Time Systems, 1991., Third International Conference on , 16-18 Sep 1991
Page(s): 260 -265

[\[Abstract\]](#) [\[PDF Full-Text \(344 KB\)\]](#) **IEE CNF****3 The object-oriented machine: DOOM**

Odijk, E.A.M.;
Knowledge Manipulation Engines, IEE Colloquium on , 4 Feb 1988
Page(s): 3/1 -3/5

[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) **IEE CNF****4 Implementation of a parallel signal processing system for all-purpose radar**

Li Ming; Wu Yan; Shun-jun Wu; Yuan Wei-ming;

Signal Processing, 2002 6th International Conference on , Volume: 2
, 26-30 Aug. 2002
Page(s): 1465 -1468 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(303 KB\)\]](#) **IEEE CNF**

5 Tuning the ANSYS kernel LSOLVE for a parallel computer
Hessel, R.E.; Myszewski, M.; Brussino, G.; Swanson, J.A.; Wagner, L.;
Supercomputing 88. Vol.II: Science and Applications. Proceedings ,
14-18 Nov. 1988
Page(s): 191 -201 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(308 KB\)\]](#) **IEEE CNF**

6 Polycyclic vector scheduling vs. chaining on 1-port vector supercomputers
Ju-ho Tang; Davidson, E.S.; Tong, J.;
Supercomputing '88. [Vol.1]. Proceedings. , 14-18 Nov. 1988
Page(s): 122 -129

[\[Abstract\]](#) [\[PDF Full-Text \(600 KB\)\]](#) **IEEE CNF**

7 Recovery in the Clouds kernel
Pitts, D.V.;
Reliable Distributed Systems, 1988. Proceedings., Seventh Symposium on , 10-12 Oct. 1988
Page(s): 167 -176

[\[Abstract\]](#) [\[PDF Full-Text \(988 KB\)\]](#) **IEEE CNF**

8 Object memory and storage management in the Clouds kernel
Pitts, D.V.; Dasgupta, P.;
Distributed Computing Systems, 1988., 8th International Conference on , 13-17 June 1988
Page(s): 10 -17

[\[Abstract\]](#) [\[PDF Full-Text \(796 KB\)\]](#) **IEEE CNF**

9 The effect of application characteristics on performance in a parallel architecture
Guzman, A.; Krall, E.J.; McGehearty, P.F.; Bagherzadeh, N.;
System Sciences, 1988. Vol.I. Architecture Track, Proceedings of the Twenty-First Annual Hawaii International Conference on , Volume: 1 ,

5-8 Jan. 1988
Page(s): 167 -173

[\[Abstract\]](#) [\[PDF Full-Text \(512 KB\)\]](#) **IEEE CNF**

10 An interface providing portability for operating system kernels: the BIGSAM ideal machine

Millard, B.R.; Miller, D.S.; Barrett, T.J.
Computers and Communications, 1988. Conference Proceedings.,
Seventh Annual International Phoenix Conference on , 16-18 March
1988

Page(s): 234 -239

[\[Abstract\]](#) [\[PDF Full-Text \(632 KB\)\]](#) **IEEE CNF**

11 Distributed shared memory in a loosely coupled distributed system

Fleisch, B.D.
Compcon Spring '88. Thirty-Third IEEE Computer Society
International Conference, Digest of Papers , 29 Feb.-3 March 1988
Page(s): 182 -184

[\[Abstract\]](#) [\[PDF Full-Text \(188 KB\)\]](#) **IEEE CNF**

12 A multi-processor system for Prolog processing

*Fu, H.C.; Chen, C.; Chung, C.P.; Shann, J.J.J.; Tsai, T.T.; Chung,
J.C.; Cheng, R.L.; Yang, S.C.; Baw, S.J.; Chiang, C.C.*
Computer Workstations, 1988., Proceedings of the 2nd IEEE
Conference on , 7-10 March 1988
Page(s): 60 -69

[\[Abstract\]](#) [\[PDF Full-Text \(776 KB\)\]](#) **IEEE CNF**

13 The binary compatibility standard

Anderson, A.; Cruess, M.; Wiencek, E.
COMPCON Spring '89. Thirty-Fourth IEEE Computer Society
International Conference: Intellectual Leverage, Digest of Papers . ,
27 Feb.-3 March 1989
Page(s): 32 -37

[\[Abstract\]](#) [\[PDF Full-Text \(464 KB\)\]](#) **IEEE CNF**

14 A special-purpose computer for automatic target recognition

Napolitano, L.M., Jr.; Andaleon, D.D.; Berry, K.R.; Bryson, P.R.

Klapp, S.R.; Leeper, J.E.; Redinbo, G.R.;
Acoustics, Speech, and Signal Processing, 1989. ICASSP-89., 1989
International Conference on , 23-26 May 1989
Page(s): 1564 -1567 vol.3

[Abstract] [PDF Full-Text (364 KB)] IEEE CNF

15 A brief perspective on parallel programming

Kale, L.V.;
TENCON '89. Fourth IEEE Region 10 International Conference , 22-24
Nov. 1989
Page(s): 1085 -1088

[Abstract] [PDF Full-Text (384 KB)] IEEE CNF

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 [Next]

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)



[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)



RELEASE 1.5

Welcome
United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE](#) [Quick Links](#)

[» Search Results](#)

[Peer Review](#)

Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

[Print Format](#)

Your search matched **35** of **974953** documents.

A maximum of **35** results are displayed, **25** to a page, sorted by **Relevance** in **descending** order.

You may refine your search by editing the current search expression or entering a new one in the text box.

Then click **Search Again**.

Results:

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

1 An on-line Chinese character recognition for personal communicator

Chao-Hao Lee; Char-Shin Miou; Nai-Jen Cheng; Hon-Fai Yau; Dung-Ming Shieh;

Consumer Electronics, 1995., Proceedings of International Conference on , 7-9 June 1995

Page(s): 276 -277

[\[Abstract\]](#) [\[PDF Full-Text \(148 KB\)\]](#) **IEEE CNF**

2 Group contexts: an architectural approach to virtual sharing

Mohamed, A.; Sagahyoon, A.;

Communications, Computers and Signal Processing, 1997. '10 Years PACRIM 1987-1997 - Networking the Pacific Rim'. 1997 IEEE Pacific Rim Conference on , Volume: 1 , 20-22 Aug. 1997

Page(s): 289 -293 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(552 KB\)\]](#) **IEEE CNF**

3 Fault-tolerance of spaceborne semiconductor mass memories

Fichna, T.; Gartner, M.; Gliem, F.; Rombeck, F.;

Fault-Tolerant Computing, 1998. Digest of Papers. Twenty-Eighth Annual International Symposium on , 23-25 June 1998

Page(s): 408 -413

[\[Abstract\]](#) [\[PDF Full-Text \(40 KB\)\]](#) **IEEE CNF**

4 Loadable kernel modules

De Goyeneche, J.-M.; De Sousa, E.A.F.;
Software, IEEE , Volume: 16 Issue: 1 , Jan.-Feb. 1999
Page(s): 65 -71

[\[Abstract\]](#) [\[PDF Full-Text \(180 KB\)\]](#) **IEEE JNL**

5 A generalized dielectric polarization evolution equation

Baker-Jarvis, J.;
Dielectrics and Electrical Insulation, IEEE Transactions on [see also
Electrical Insulation, IEEE Transactions on] , Volume: 7 Issue: 3 ,
June 2000
Page(s): 374 -386

[\[Abstract\]](#) [\[PDF Full-Text \(692 KB\)\]](#) **IEEE JNL**

6 A distributed object oriented language and operating system

Trehan, R.; Maeda, K.;
System Sciences, 1993, Proceeding of the Twenty-Sixth Hawaii
International Conference on , Volume: ii , 5-8 Jan. 1993
Page(s): 70 -79 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(840 KB\)\]](#) **IEEE CNF**

7 The Newton operating system

Welland, R.; Seitz, G.; Lieh-Wuu Wang; Dyer, L.; Harrington, T.;
Culbert, D.;
Compcon Spring '94, Digest of Papers. , 28 Feb.-4 March 1994
Page(s): 148 -155

[\[Abstract\]](#) [\[PDF Full-Text \(572 KB\)\]](#) **IEEE CNF**

**8 A global memory multiprocessor system with a
programmable interconnection network**

Zhang Liang; Hu Bo; He Songhua;
Aerospace and Electronics Conference, 1996. NAECON 1996.,
Proceedings of the IEEE 1996 National , Volume: 1 , 20-23 May 1996
Page(s): 345 -350 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(276 KB\)\]](#) **IEEE CNF**

**9 Combining background memory management and regular
array co-partitioning, illustrated on a full motion estimation
kernel**

Schaffer, R.; Merker, R.; Catthoor, F.;
VLSI Design, 2000. Thirteenth International Conference on , 3-7 Jan.
2000
Page(s): 104 -109

[\[Abstract\]](#) [\[PDF Full-Text \(172 KB\)\]](#) [IEEE CNF](#)

10 Support for recoverable memory in the distributed virtual communication machine

Rosu, M.-C.; Schwan, K.;
Parallel and Distributed Processing Symposium, 2000. IPDPS 2000.
Proceedings. 14th International , 1-5 May 2000
Page(s): 191 -198

[\[Abstract\]](#) [\[PDF Full-Text \(176 KB\)\]](#) **IEEE CNF**

11 Evaluating and improving performance of multimedia applications on simultaneous multi-threading

Yen-Kuang Chen; Debes, E.; Lienhart, R.; Holliman, M.; Yeung, M.; Parallel and Distributed Systems, 2002. Proceedings. Ninth International Conference on , 17-20 Dec. 2002
Page(s): 529 -534

[\[Abstract\]](#) [\[PDF Full-Text \(240 KB\)\]](#) **IEEE CNF**

12 Distributed shared memory in kernel mode

Trevisan, T.S.; Costa, V.S.; Whately, L.; Amorim, C.L.
Computer Architecture and High Performance Computing, 2002.
Proceedings. 14th Symposium on , 28-30 Oct. 2002
Page(s): 159 -166

[\[Abstract\]](#) [\[PDF Full-Text \(293 KB\)\]](#) **IEEE CNF**

13 Adaptive scheduling under memory pressure on multiprogrammed SMPs

Nikolopoulos, D.S.; Polychronopoulos, C.D.;
Parallel and Distributed Processing Symposium., Proceedings
International, IPDPS 2002, Abstracts and CD-ROM , 15-19 April 2002

Page(s): 11 -16

[\[Abstract\]](#) [\[PDF Full-Text \(274 KB\)\]](#) **IEEE CNF**

14 TOPS-a distributed operating system kernel for transputer systems

Franke, H.; Abbott, B.;
System Theory, 1990., Twenty-Second Southeastern Symposium on
, 11-13 March 1990
Page(s): 103 -107

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) [IEEE CNF](#)

15 A new two-dimensional systolic array for image processing and neural network applications

Means, R.W.;
Neural Networks, 1991., IJCNN-91-Seattle International Joint
Conference on , Volume: ii , 8-14 July 1991
Page(s): 925 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(76 KB\)\]](#) **IEEE CNF**

16 A distributed kernel for virtual time driven applications

Ingels, P.; Maziero, C.; Raynal, M.;
Computing and Information, 1992. Proceedings. ICCI '92., Fourth
International Conference on , 28-30 May 1992
Page(s): 457 -460

[Abstract] [PDF Full-Text (308 KB)] IEEE CNF

17 Performance of panel and block approaches to sparse Cholesky factorization on the iPSC/860 and Paragon multicomputers

Rothberg, E.;
Scalable High-Performance Computing Conference, 1994.
Proceedings of the , 23-25 May 1994
Page(s): 324 -333

[\[Abstract\]](#) [\[PDF Full-Text \(736 KB\)\]](#) **IEEE CNF**

18 Scalable linear algebra software libraries for distributed memory concurrent computers

Jaeyoung Choi; Dongarra, J.J.;
Distributed Computing Systems, 1995., Proceedings of the Fifth IEEE
Computer Society Workshop on Future Trends of , 28-30 Aug. 1995
Page(s): 170 -177

[\[Abstract\]](#) [\[PDF Full-Text \(656 KB\)\]](#) [IEEE CNF](#)

19 Performance results of several High Performance Fortran benchmarks

Meadows, L.F.; Miles, D.; Young, M.;

Parallel Processing Symposium, 1995. Proceedings., 9th International , 25-28 April 1995
Page(s): 516 -517

[\[Abstract\]](#) [\[PDF Full-Text \(152 KB\)\]](#) IEEE CNF

20 Prioritized inter-processor synchronization in an ITRON-MP implementation

Cai-Dong Wang; Takada, H.; Sakamura, K.;
TRON Project International Symposium, 1996. TEPS '96 , 4-7 Dec.
1996
Page(s): 48 -57

[Abstract] [PDF Full-Text (840 KB)] **IEEE CNF**

21 The computational complexity of nonlinear compensators based on the Volterra inverse

Tsimbinos, J.; Lever, K.V.;
Statistical Signal and Array Processing, 1996. Proceedings., 8th IEEE
Signal Processing Workshop on (Cat. No.96TB10004 , 24-26 June
1996
Page(s): 387 -390

[Abstract] [PDF Full-Text (308 KB)] **IEEE CNF**

22 EMERALDS: a microkernel for embedded real-time systems

Zuberi, K.M.; Shin, K.G.
Real-Time Technology and Applications Symposium, 1996.
Proceedings., 1996 IEEE , 10-12 June 1996
Page(s): 241 -249

[\[Abstract\]](#) [\[PDF Full-Text \(912 KB\)\]](#) **IEEE CNF**

23 Small, scalable, and efficient, microkernels for highly parallel computers are possible: Cosy as an example

Butenuth, R.; Heiss, H.-U.;
Advances in Parallel and Distributed Computing, 1997. Proceedings ,
19-21 March 1997
Page(s): 196 -203

[Abstract] [PDF Full-Text (864 KB)] **IEEE CNF**

24 Memory efficient software synthesis from dataflow graph

Wonyong Sung; Junedong Kim; Soonhoi Ha;
System Synthesis, 1998. Proceedings. 11th International Symposium

on , 2-4 Dec. 1998
Page(s): 137 -142

[Abstract] [PDF Full-Text (96 KB)] IEEE CNF

25 Flexible use of memory for replication/migration in cache-coherent DSM multiprocessors

Soundararajan, V.; Heinrich, M.; Verghese, B.; Gharachorloo, K.; Gupta, A.; Hennessy, J.

Computer Architecture, 1998. Proceedings. The 25th Annual International Symposium on , 27 June-1 July 1998

Page(s): 342 -355

[Abstract] [PDF Full-Text (80 KB)] IEEE CNF

1 2 [Next]

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

WEST**Freeform Search**

Database: US Patents Full-Text Database
 US Pre-Grant Publication Full-Text Database
 JPO Abstracts Database
 EPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Term: L8 and (kernel with (pin or pinning or pinned)
with (memory or memories))

Display: 10 Documents in Display Format: TI Starting with Number 1

Generate: Hit List Hit Count Side by Side Image

Search History

DATE: Monday, October 13, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

DB=USPT; PLUR=YES; OP=OR

		<u>Hit Count</u>	<u>Set Name</u>
		result set	
<u>L10</u>	L8 and (kernel with (pin or pinning or pinned) with (memory or memories))	6	<u>L10</u>
<u>L9</u>	L8 and (kernel with (pin or pinning or pinned))	9	<u>L9</u>
<u>L8</u>	((711\$)! .CCLS.)	15089	<u>L8</u>
<u>L7</u>	5659798.pn.	1	<u>L7</u>
<u>L6</u>	L4 and (kernel same memor\$3)	0	<u>L6</u>
<u>L5</u>	L4 and kernel	2	<u>L5</u>
<u>L4</u>	4503501.pn. or 5129088.pn. or 5247660.pn. or 5727178.pn. or 5897661.pn. or 5933855.pn. or 5956745.pn. or 6058460.pn. or 6070202.pn.	9	<u>L4</u>

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L3</u>	((kernel with pin\$4 with memory with (pool\$3 or buffer\$3)))	3	<u>L3</u>
-----------	--	---	-----------

DB=USPT; PLUR=YES; OP=OR

<u>L2</u>	((((711\$/)! .CCLS.)) and (kernel same pin\$4))	17	<u>L2</u>
<u>L1</u>	((((711\$/)! .CCLS.))and (kernel same pin\$4)) and (memor\$3 with (pool\$4 or buffer\$3)))	12	<u>L1</u>

END OF SEARCH HISTORY

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)**IEEE Xplore®**
RELEASE 1.5Welcome
United States Patent and Trademark Office[Help](#) | [FAQ](#) | [Terms](#) | [IEEE](#) | [Quick Links](#) | [Peer Review](#)[Search Results](#)

Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 [Print Format](#)Your search matched **1** of **974953** documents.A maximum of **1** results are displayed, **15** to a page, sorted by **Relevance in descending order**.

You may refine your search by editing the current search expression or entering a new one in the text box.

Then click **Search Again**.

(kernel)<sentence>(pin or pinned or pinning)<sentence>(memories or memory)

Results:Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****1 Pin-down cache: a virtual memory management technique for zero-copy communication**

Tezuka, H.; O'Carroll, F.; Hori, A.; Ishikawa, Y.;

Parallel Processing Symposium, 1998. 1998 IPPS/SPDP. Proceedings of the First Merged International...and Symposium on Parallel and Distributed Processing 1998 , 30 March-3 April 1998

Page(s): 308 - 314

[\[Abstract\]](#) [\[PDF Full-Text \(700 KB\)\]](#) **IEEE CNF**

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved